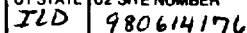


SEC 301 FIT order to cease work 2-23-87  
 not RERA  
 linked to FIT f - WP 2-27-87  
 153310  
 1-30-87

| EPA 163/210002  |  |             |  | POTENTIAL HAZARDOUS WASTE SITE<br>PRELIMINARY ASSESSMENT<br>PART 1 - SITE INFORMATION AND ASSESSMENT  |                 |                     |  | I. IDENTIFICATION          |              |
|---|--|-------------|--|---|-----------------|---------------------|--|----------------------------|--------------|
|   |  |             |  | 01 STATE  |                 | 02 SITE NUMBER      |  |                            |              |
|   |  |             |  | IL  |                 | 980614176           |  |                            |              |
| II. SITE NAME AND LOCATION  |  |             |  |   |                 |                     |  |                            |              |
| 01 SITE NAME (Legal, common, or descriptive name of site)   |  |             |  | 02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER   |                 |                     |  |                            |              |
| Sauget Monsanto Illinois Landfill   |  |             |  | Monsanto Ave. (See below)   |                 |                     |  |                            |              |
| 03 CITY   |  |             |  | 04 STATE  | 05 ZIP CODE     | 06 COUNTY           |  | 07 COUNTY CODE             | 08 CONG DIST |
| Sauget  |  |             |  | IL  | 62201           | ST. Clair           |  | 163                        | 23           |
| 09 COORDINATES  |  |             |  | 10 DIRECTIONS TO SITE (Starting from nearest public road)   |                 |                     |  |                            |              |
| LATITUDE  |  | LONGITUDE   |  | Take 55 South to Route 3. South on Rte. 3 to Monsanto Avenue. Site is approximately 1/4 mile West of Rte. 3 on Monsanto Avenue. Site is on North side of road between the Illinois Central Gulf R.R. and Terminal R.R. tracks.  |                 |                     |  |                            |              |
| 38 36 20.0  |  | 090 10 30.0 |  | Cahokia, IL - Mo. (225c)  |                 |                     |  |                            |              |
| III. RESPONSIBLE PARTIES  |  |             |  |   |                 |                     |  |                            |              |
| 01 OWNER (if known)   |  |             |  | 02 STREET (Business, mailing, residential)  |                 |                     |  |                            |              |
| Union Electric Company  |  |             |  | P.O. Box 149  |                 |                     |  |                            |              |
| 03 CITY   |  |             |  | 04 STATE  | 05 ZIP CODE     | 06 TELEPHONE NUMBER |  |                            |              |
| ST. LOUIS   |  |             |  | Mo  | 63166           | ( )                 |  |                            |              |
| 07 OPERATOR (if known and different from owner)   |  |             |  | 08 STREET (Business, mailing, residential)  |                 |                     |  |                            |              |
| Sauget Company  |  |             |  | 2700 Monsanto Avenue  |                 |                     |  |                            |              |
| 09 CITY   |  |             |  | 10 STATE  | 11 ZIP CODE     | 12 TELEPHONE NUMBER |  |                            |              |
| Sauget  |  |             |  | IL  | 62201           | ( )                 |  |                            |              |
| 13 TYPE OF OWNERSHIP (Check one)  |  |             |  |   |                 |                     |  |                            |              |
| <input checked="" type="checkbox"/> A. PRIVATE <input type="checkbox"/> B. FEDERAL: _____ (Agency name) <input type="checkbox"/> C. STATE <input type="checkbox"/> D. COUNTY <input type="checkbox"/> E. MUNICIPAL<br><input type="checkbox"/> F. OTHER: _____ (Specify) <input type="checkbox"/> G. UNKNOWN    |  |             |  |   |                 |                     |  |                            |              |
| 14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)   |  |             |  |   |                 |                     |  |                            |              |
| <input type="checkbox"/> A. RCRA 3001 DATE RECEIVED: _____ MONTH DAY YEAR <input type="checkbox"/> B. UNCONTROLLED WASTE SITE (RCRA 103 c) DATE RECEIVED: _____ MONTH DAY YEAR <input checked="" type="checkbox"/> C. NONE  |  |             |  |   |                 |                     |  |                            |              |
| IV. CHARACTERIZATION OF POTENTIAL HAZARD  |  |             |  |   |                 |                     |  |                            |              |
| 01 ON SITE INSPECTION   |  |             |  | BY (Check all that apply)   |                 |                     |  |                            |              |
| <input checked="" type="checkbox"/> YES    DATE 02/22/73<br><input type="checkbox"/> NO    MONTH DAY YEAR   |  |             |  | <input checked="" type="checkbox"/> A. EPA <input type="checkbox"/> B. EPA CONTRACTOR <input checked="" type="checkbox"/> C. STATE <input type="checkbox"/> D. OTHER CONTRACTOR<br><input type="checkbox"/> E. LOCAL HEALTH OFFICIAL <input type="checkbox"/> F. OTHER: _____ (Specify) |                 |                     |  |                            |              |
|   |  |             |  | CONTRACTOR NAME(S): _____   |                 |                     |  |                            |              |
| 02 SITE STATUS (Check one)  |  |             |  | 03 YEARS OF OPERATION   |                 |                     |  |                            |              |
| <input type="checkbox"/> A. ACTIVE <input checked="" type="checkbox"/> B. INACTIVE <input type="checkbox"/> C. UNKNOWN  |  |             |  | 1973   _____<br>BEGINNING YEAR    ENDING YEAR <input type="checkbox"/> UNKNOWN  |                 |                     |  |                            |              |
| 04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED  |  |             |  |   |                 |                     |  |                            |              |
| Sludge    Inorganic Chemicals (Corrosive, Ignitable)<br>Other Organic Chemicals (Reactive)    Acids (corrosive)   |  |             |  |   |                 |                     |  |                            |              |
| 05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION   |  |             |  |   |                 |                     |  |                            |              |
| Groundwater (Environment)    Fire/Explosion (Environment)<br>Surface Water (Environment)  |  |             |  |   |                 |                     |  |                            |              |
| V. PRIORITY ASSESSMENT  |  |             |  |   |                 |                     |  |                            |              |
| 01 PRIORITY FOR INSPECTION (Check one, if high or medium checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents)   |  |             |  |   |                 |                     |  |                            |              |
| <input type="checkbox"/> A. HIGH (Inspection required promptly) <input checked="" type="checkbox"/> B. MEDIUM (Inspection required) <input checked="" type="checkbox"/> C. LOW (Inspect on time available basis) <input type="checkbox"/> D. NONE (No further action needed, complete current disposition form) |  |             |  |   |                 |                     |  |                            |              |
| VI. INFORMATION AVAILABLE FROM  |  |             |  |   |                 |                     |  |                            |              |
| 01 CONTACT  |  |             |  | 02 OF (Agency/Organization)   |                 | 03 TELEPHONE NUMBER |  |                            |              |
| Ken Mensing   |  |             |  | IEPA  |                 | (618) 345-4606      |  |                            |              |
| 04 PERSON RESPONSIBLE FOR ASSESSMENT  |  |             |  | 05 AGENCY   | 06 ORGANIZATION | 07 TELEPHONE NUMBER |  | 08 DATE                    |              |
| Gregory W. Dunn   |  |             |  | LPL   | RPMS            | (217) 782-6761      |  | 12/26/86<br>MONTH DAY YEAR |              |

000516



I HIGHLY VOLATILE  
J EXPLOSIVE  
X K REACTIVE  
L INCOMPATIBLE  
M NOT APPLICABLE



POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER  
JLD 980 614 176

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A. GROUNDWATER CONTAMINATION 02 ☐ OBSERVED (DATE \_\_\_\_\_) ☒ POTENTIAL ☐ ALLEGED  
03 POPULATION POTENTIALLY AFFECTED: UNKNOWN 04 NARRATIVE DESCRIPTION

The area of the site is in a loamy fine sand that is moderately permeable. An alluvial aquifer is shallow and is the most permeable. Contamination from the site can infiltrate into this aquifer and create problems for the users of the aquifers.

01 ☒ B. SURFACE WATER CONTAMINATION 02 ☒ OBSERVED (DATE: 7/26/78) ☐ POTENTIAL ☐ ALLEGED  
03 POPULATION POTENTIALLY AFFECTED: N/A 04 NARRATIVE DESCRIPTION

On many occasions, leachate has been observed flowing & ponding on site. No documentation exists for water flowing off-site.

01 ☐ C. CONTAMINATION OF AIR 02 ☐ OBSERVED (DATE \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED  
03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_ 04 NARRATIVE DESCRIPTION

01 ☒ D. FIRE/EXPLOSIVE CONDITIONS 02 ☒ OBSERVED (DATE: 10/04/79) ☐ POTENTIAL ☐ ALLEGED  
03 POPULATION POTENTIALLY AFFECTED: N/A 04 NARRATIVE DESCRIPTION

An inspection on this date observed a small fire in the refuse pile. The operator was pushing sand onto the pile to smother the fire. The operator commented the fire was probably from ACI-containers on fire.

01 ☐ E. DIRECT CONTACT 02 ☐ OBSERVED (DATE \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED  
03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_ 04 NARRATIVE DESCRIPTION

01 ☒ F. CONTAMINATION OF SOIL 02 ☐ OBSERVED (DATE \_\_\_\_\_) ☒ POTENTIAL ☐ ALLEGED  
03 AREA POTENTIALLY AFFECTED: 3.17 <sup>(Acres)</sup> 04 NARRATIVE DESCRIPTION

Due to the chemicals and residues disposed at the landfill, soil contamination can occur.

01 ☒ G. DRINKING WATER CONTAMINATION 02 ☐ OBSERVED (DATE \_\_\_\_\_) ☒ POTENTIAL ☐ ALLEGED  
03 POPULATION POTENTIALLY AFFECTED: UNKNOWN 04 NARRATIVE DESCRIPTION

Drinking water could be contaminated if someone in the area uses the alluvial aquifer for drinking. At this time no one is known to use the aquifer for drinking.

01 ☐ H. WORKER EXPOSURE/INJURY 02 ☐ OBSERVED (DATE \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED  
03 WORKERS POTENTIALLY AFFECTED: \_\_\_\_\_ 04 NARRATIVE DESCRIPTION

01 ☐ I. POPULATION EXPOSURE/INJURY 02 ☐ OBSERVED (DATE \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED  
03 POPULATION POTENTIALLY AFFECTED: \_\_\_\_\_ 04 NARRATIVE DESCRIPTION



POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

IL0 180614176

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

01 ☐ K. DAMAGE TO FAUNA  
04 NARRATIVE DESCRIPTION (include name(s) of species)

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

01 ☐ L. CONTAMINATION OF FOOD CHAIN  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

01 ☒ M. UNSTABLE CONTAINMENT OF WASTES  
(Soils runoff standing liquids leaking drums)

02 ☒ OBSERVED (DATE: 6/19/79)

☐ POTENTIAL

☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: NONE

04 NARRATIVE DESCRIPTION Chem Tech truck was diverted from Route 3 to landfill by the State Police. The truck was leaking Hydrofluosilicic Acid. Truck was parked at site until fixed. Acid was ponded on surface.

01 ☐ N. DAMAGE TO OFFSITE PROPERTY  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

01 ☒ P. ILLEGAL/UNAUTHORIZED DUMPING

02 ☒ OBSERVED (DATE: 10/28/75)

☐ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION On this occasion and many others, wastes were brought to site that were not permitted. These included chlorine composition ACI-85 fiber pack drums, metal containers of phosphorous pentasulfide and para-Nitro-Aniline containers.

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

III. TOTAL POPULATION POTENTIALLY AFFECTED: N/A

IV. COMMENTS

The phosphorous Pentasulfide was said to be removed and taken off-site to a permitted chemical waste landfill.

V. SOURCES OF INFORMATION (Cite specific references, e. g., state files, sample analysis, reports)

Illinois EPA Land files.

## EXECUTIVE SUMMARY

The Sauget Monsanto Illinois Landfill is located 1/4 mile west of Route 3 on Monsanto Avenue. The site is situated between the Illinois Central Gulf R.R. and the Terminal Association R.R. tracks on the north side of Monsanto Avenue. The site is co-owned by Union Electric Company (approximately 17 acres) and Mr. Paul Sauget (approximately 5.5 acres). Mr. Paul Sauget bought the acreage he owns from Illinois Central Gulf R.R. in 1979.

The landfill is an inactive site that was issued an operating permit on January 11, 1973 to dispose of general refuse. The site received a supplemental permit on February 8, 1974 to accept diatomaceous earth (filter cake) from Edwin Cooper, Inc. (now Ethyl Petroleum Additives). No hazardous wastes were permitted to be accepted at the site.

Despite not having a permit for accepting hazardous wastes, many inspections reveal otherwise. A December 27, 1977 inspection revealed 25 metal containers (12-15 gallons each) of phosphorous pentasulfide disposed and worked into the fill. The Monsanto Company was notified to retrieve the containers and soil contaminated from the waste. On January 3, 1978 a Monsanto Company representative informed Mr. Ken Mensing, an IEPA inspector, that the containers and soil were taken back to the plant for re-packaging prior to disposal. A June 19, 1979 inspection observed a Chem Tech truck repairing a leak. The truck was found leaking on Route 3 and was instructed to pull into the landfill by a State Police officer. In the process of repairs, hydrofluosillicic acid leaked onto the ground and ponded. Other inspections observe the disposing of ACL-85 fiber pack drums, ~~which are prohibited~~. The acceptance of the drums resulted in a small fire on October 4, 1979. The operator of the site was pushing sand toward the fire to extinguish it, commenting the "filter sleeve with ACL in it is always burning".

The site is now inactive and information regarding appropriate final cover is unavailable. The observed release of contaminants has occurred from leachate ponding at the site. No other releases have been observed, but soil, surface water, and groundwater contamination can occur. A low priority is given with a site inspection to take place on a time availability basis. The inspection should include a final cover check for depth and soil samples with a priority pollutant analysis complete on each sample.

GD:ct/1120g,50



# Illinois Environmental Protection Agency

## MEMORANDUM

DATE: January 6, 1978  
TO: Division File  
FROM: Ken Mensing - Southern Region  
SUBJECT: St. Clair County LPC# 16312102  
Sauget/Monsanto

On January 3, 1978, I went to the Monsanto Chemical Company Plant in Sauget, Illinois for the main purpose of picking up samples of Monsanto ash which Paul Sauget proposes to use for final cover on a portion of the closed Sauget/Sauget site. Four (4) jars of different Monsanto ash samples were picked up along with one (1) jar of a sample of the southern railway slag. These samples were obtained from Frank Basile.

Mr. Basile informed me that the P2S5 that was dumped at the site has been retrieved as best as possible and taken back to the plant for re-packaging prior to disposal at a chemical waste landfill. I then informed him that chemical waste packaging had been disposed of at the fill and that some residues were observed. I showed him the permit which forbids this activity. He ran a copy of the permit. He said they would implement strict material handling procedures to preclude any chemical waste from being taken to the fill. I told him that no chemicals can be landfilled.

KM:jkk/1794-9

cc: Land FOS Manager  
Southern Region

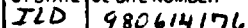
Previously submitted PA -  
Determined incorrect as of 10/27/94  
see corrected PA.  
not R/LRA  
AA

Yelp?  
High?  
Duff  
1-30-87

| EPA 163/210002  |  |  |  | POTENTIAL HAZARDOUS WASTE SITE<br>PRELIMINARY ASSESSMENT<br>PART 1 - SITE INFORMATION AND ASSESSMENT   |                 |                     |  | I. IDENTIFICATION       |              |
|---|--|--|--|--|-----------------|---------------------|--|-------------------------|--------------|
|   |  |  |  | 01 STATE   |                 | 02 SITE NUMBER      |  |                         |              |
|   |  |  |  | IL   |                 | 980614176           |  |                         |              |
| II. SITE NAME AND LOCATION  |  |  |  |  |                 |                     |  |                         |              |
| 01 SITE NAME (Legal, common, or descriptive name of site)   |  |  |  | 02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER  |                 |                     |  |                         |              |
| Sauget Monsanto Illinois Landfill   |  |  |  | Monsanto Ave. (See below)  |                 |                     |  |                         |              |
| 03 CITY   |  |  |  | 04 STATE   | 05 ZIP CODE     | 06 COUNTY           |  | 07 COUNTY CODE          | 08 CONG DIST |
| Sauget  |  |  |  | IL   | 62201           | ST. Clair           |  | 163                     | 23           |
| 09 COORDINATES  |  |  |  | 09 COORDINATES   |                 |                     |  |                         |              |
| LATITUDE  |  |  |  | LONGITUDE  |                 |                     |  |                         |              |
| 38 36 20.0  |  |  |  | 090 10 30.0  |                 |                     |  |                         |              |
| 10 DIRECTIONS TO SITE (Starting from nearest public road)   |  |  |  | Take 55 South to Route 3. South on Rte. 3 to Monsanto Avenue. Site is approximately 1/4 mile West of Rte. 3 on Monsanto Avenue. Site is on North side of road between the Illinois Central Gulf R.R. and Terminal R.R. tracks. |                 |                     |  |                         |              |
| III. RESPONSIBLE PARTIES  |  |  |  |  |                 |                     |  |                         |              |
| 01 OWNER (If known)   |  |  |  | 02 STREET (Business, mailing, residential)   |                 |                     |  |                         |              |
| Union Electric Company  |  |  |  | P.O. Box 149   |                 |                     |  |                         |              |
| 03 CITY   |  |  |  | 04 STATE   | 05 ZIP CODE     | 06 TELEPHONE NUMBER |  |                         |              |
| ST. Louis   |  |  |  | Mo   | 63166           | ( )                 |  |                         |              |
| 07 OPERATOR (If known and different from owner)   |  |  |  | 08 STREET (Business, mailing, residential)   |                 |                     |  |                         |              |
| Sauget & Company  |  |  |  | 2700 Monsanto Avenue   |                 |                     |  |                         |              |
| 09 CITY   |  |  |  | 10 STATE   | 11 ZIP CODE     | 12 TELEPHONE NUMBER |  |                         |              |
| Sauget  |  |  |  | IL   | 62201           | ( )                 |  |                         |              |
| 13 TYPE OF OWNERSHIP (Check one)  |  |  |  |  |                 |                     |  |                         |              |
| <input checked="" type="checkbox"/> A. PRIVATE <input type="checkbox"/> B. FEDERAL: _____ (Agency name) <input type="checkbox"/> C. STATE <input type="checkbox"/> D. COUNTY <input type="checkbox"/> E. MUNICIPAL  |  |  |  |  |                 |                     |  |                         |              |
| <input type="checkbox"/> F. OTHER: _____ (Specify) <input type="checkbox"/> G. UNKNOWN  |  |  |  |  |                 |                     |  |                         |              |
| 14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)   |  |  |  |  |                 |                     |  |                         |              |
| <input type="checkbox"/> A. RCRA 3001 DATE RECEIVED: _____ MONTH DAY YEAR <input type="checkbox"/> B. UNCONTROLLED WASTE SITE (CERCLA 103 (c)) DATE RECEIVED: _____ MONTH DAY YEAR <input checked="" type="checkbox"/> C. NONE  |  |  |  |  |                 |                     |  |                         |              |
| IV. CHARACTERIZATION OF POTENTIAL HAZARD  |  |  |  |  |                 |                     |  |                         |              |
| 01 ON SITE INSPECTION   |  |  |  | BY (Check all that apply)  |                 |                     |  |                         |              |
| <input checked="" type="checkbox"/> YES DATE 02/22/73 MONTH DAY YEAR  |  |  |  | <input checked="" type="checkbox"/> A. EPA <input type="checkbox"/> B. EPA CONTRACTOR <input checked="" type="checkbox"/> C. STATE <input type="checkbox"/> D. OTHER CONTRACTOR  |                 |                     |  |                         |              |
| <input type="checkbox"/> NO 11/09/82  |  |  |  | <input type="checkbox"/> E. LOCAL HEALTH OFFICIAL <input type="checkbox"/> F. OTHER: _____ (Specify)   |                 |                     |  |                         |              |
| 02 SITE STATUS (Check one)  |  |  |  | 03 YEARS OF OPERATION  |                 |                     |  |                         |              |
| <input type="checkbox"/> A. ACTIVE <input checked="" type="checkbox"/> B. INACTIVE <input type="checkbox"/> C. UNKNOWN  |  |  |  | 1973 BEGINNING YEAR ENDING YEAR <input type="checkbox"/> UNKNOWN   |                 |                     |  |                         |              |
| 04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED  |  |  |  |  |                 |                     |  |                         |              |
| Sludge Inorganic chemicals (Corrosive, Ignitable)<br>Other Organic chemicals (Reactive) Acids (Corrosive)   |  |  |  |  |                 |                     |  |                         |              |
| 05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION   |  |  |  |  |                 |                     |  |                         |              |
| Groundwater (Environment) Fire/Explosion (Environment)<br>Surface Water (Environment)   |  |  |  |  |                 |                     |  |                         |              |
| V. PRIORITY ASSESSMENT  |  |  |  |  |                 |                     |  |                         |              |
| 01 PRIORITY FOR INSPECTION (Check one, if high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents)  |  |  |  |  |                 |                     |  |                         |              |
| <input type="checkbox"/> A. HIGH (Inspection required promptly) <input checked="" type="checkbox"/> B. MEDIUM (Inspection required) <input checked="" type="checkbox"/> C. LOW (Inspect on time available basis) <input type="checkbox"/> D. NONE (No further action needed, complete current disposition form) |  |  |  |  |                 |                     |  |                         |              |
| VI. INFORMATION AVAILABLE FROM  |  |  |  |  |                 |                     |  |                         |              |
| 01 CONTACT  |  |  |  | 02 OF (Agency/Organization)  |                 |                     |  | 03 TELEPHONE NUMBER     |              |
| Ken Mensing   |  |  |  | IEPA   |                 |                     |  | (618) 345-4606          |              |
| 04 PERSON RESPONSIBLE FOR ASSESSMENT  |  |  |  | 05 AGENCY  | 06 ORGANIZATION | 07 TELEPHONE NUMBER |  | 08 DATE                 |              |
| Gregory W. Dunn   |  |  |  | LPL  | RPMS            | 12171782-6761       |  | 12/26/86 MONTH DAY YEAR |              |

EPA FORM 2070-12 (7-81)

000516



|               |               |                   |
|---------------|---------------|-------------------|
| A TOXIC       | E SOLUBLE     | I HIGHLY VOLATILE |
| X B CORROSIVE | F INFECTIOUS  | J EXPLOSIVE       |
| C RADIOACTIVE | G FLAMMABLE   | X K REACTIVE      |
| D PERSISTENT  | X H IGNITABLE | L INCOMPATIBLE    |
|               |               | M NOT APPLICABLE  |





POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE  
IL

02 SITE NUMBER  
980 614 176

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A GROUNDWATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED UNKNOWN

02 ☐ OBSERVED (DATE \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☒ POTENTIAL

☐ ALLEGED

The area of the site is in a loamy fine sand that is moderately permeable. An alluvial aquifer is shallow and is the most permeable. Contamination from the site can infiltrate into this aquifer and create problems for the users of the aquifer.

01 ☒ B SURFACE WATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED N/A

02 ☒ OBSERVED (DATE 7/26/78)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

On many occasions, leachate has been observed flowing & ponding on site. No documentation exists for water flowing off-site.

01 ☐ C CONTAMINATION OF AIR

03 POPULATION POTENTIALLY AFFECTED \_\_\_\_\_

02 ☐ OBSERVED (DATE \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☒ D FIRE/EXPLOSIVE CONDITIONS

03 POPULATION POTENTIALLY AFFECTED N/A

02 ☒ OBSERVED (DATE 10/04/79)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

An inspection on this date observed a small fire in the refuse pile. The operator was pushing sand onto the pile to smother the fire. The operator commented the fire was probably from ACI-containers on fire.

01 ☐ E DIRECT CONTACT

03 POPULATION POTENTIALLY AFFECTED \_\_\_\_\_

02 ☐ OBSERVED (DATE \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☒ F CONTAMINATION OF SOIL

03 AREA POTENTIALLY AFFECTED: 5.17  
(ACRES)

02 ☐ OBSERVED (DATE \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☒ POTENTIAL

☐ ALLEGED

Due to the chemicals and residues disposed at the landfill, soil contamination can occur.

01 ☒ G DRINKING WATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED UNKNOWN

02 ☐ OBSERVED (DATE \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☒ POTENTIAL

☐ ALLEGED

Drinking water could be contaminated if someone in the area uses the alluvial aquifer for drinking. At this time no one is known to use the aquifer for drinking.

01 ☐ H WORKER EXPOSURE/INJURY

03 WORKERS POTENTIALLY AFFECTED: \_\_\_\_\_

02 ☐ OBSERVED (DATE \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

01 ☐ I POPULATION EXPOSURE/INJURY

03 POPULATION POTENTIALLY AFFECTED \_\_\_\_\_

02 ☐ OBSERVED (DATE \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED



POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER  
ILW 980614176

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED

01 ☐ K. DAMAGE TO FAUNA  
04 NARRATIVE DESCRIPTION (include name(s) of species)

02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED

01 ☐ L. CONTAMINATION OF FOOD CHAIN  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED

01 ☒ M. UNSTABLE CONTAINMENT OF WASTES  
(Spills, runoff, standing liquids, leaking drums)

02 ☒ OBSERVED (DATE: 6/19/79) ☐ POTENTIAL ☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: None  
04 NARRATIVE DESCRIPTION: ChemTech truck was diverted from Route 3 to landfill by the State Police. The truck was leaking Hydrofluosilicic Acid. Truck was parked at site until fixed. Acid was ponded on surface.

01 ☐ N. DAMAGE TO OFFSITE PROPERTY  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED

01 ☒ P. ILLEGAL/UNAUTHORIZED DUMPING

02 ☒ OBSERVED (DATE: 10/28/75) ☐ POTENTIAL ☐ ALLEGED

04 NARRATIVE DESCRIPTION: On this occasion and many others, wastes were brought to site that were not permitted. These included chlorine composition ACI-85 fiber pack drums, metal containers of phosphorous pentasulfide and para-Nitro-Aniline containers.

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

III. TOTAL POPULATION POTENTIALLY AFFECTED: N/A

IV. COMMENTS

The phosphorous Pentasulfide was said to be removed and taken off-site to a permitted chemical waste landfill.

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

ILLinois EPA Land files.